D-Link®

BACK UP AND SHARE YOUR DIGITAL FILES

ShareCenter® 4-BAY NETWORK STORAGE

WITH USB PRINTER PORT

Supports up to 4 disk drives – Tool-less Installation	Access your files from anywhere via the Internet using FTP[4]	Protect important files with RAID 1 or RAID 5 data redundancy[1]

D-Link's® ShareCenter® 4-Bay Network Storage device with USB Printer support is the perfect way to store, safeguard, and share your digital documents, music, videos, and photos with anyone in your network. The tool-less design lets you easily insert up to 4 SATA drives without using any tools. Plus, the DNS-343 is an adaptable solution, allowing you to start off with one SATA hard disk drive (HDD) and add additional drives as your storage needs grow.

UP TO FOUR HARD DRIVE'S WORTH OF STORAGE

The DNS-343-4TB comes with four 1Terabyte (1TB) SATA hard drives[1] - plenty of space to store tons of digital photos, thousands of hours of digital music, or hundreds of DVD-quality movies[2]. The DNS-343 is expandable; you can add up to 4 drives to the DNS-343 for more capacity. Adding a drive is a breeze with the D-Link tool-less design.

STREAM DIGITAL MEDIA CONTENT TO UPnP™ AV COMPATIBLE MEDIA PLAYERS

The DNS-343 supports the latest BitTorrent software so you can download and store digital media from the Internet without the need for a dedicated PC to be turned on or connected. The DNS-343 connects directly to your home or office network and acts as a media hub for BitTorrent-enabled content. The DNS-343 also acts as a UPnP™ AV media server[3] that streams media to a compatible player such as the PlayStation® 3, Microsoft® Xbox 360™ and D-Link's MediaLounge™ product line.

PROTECTION, PERFORMANCE AND FLEXBILITY

Supporting RAID 0, 1, 5, and JBOD, the DNS-343 provides you with a variety of options for protecting data in the event of a hard drive failure. RAID 0 combines all drives in a 'striped' configuration, splitting data evenly across the hard drives to provide the highest performance. RAID 1 causes two drives to mirror each other, providing maximum protection. If there are four drives present, you can set up two separate RAID 1 partitions. If one drive fails, the unaffected drive in the partition will continue to operate normally. Once you replace the failed drive, RAID 1 mirroring will resume and both drives will mirror each other again. RAID 5 offers the most usable capacity while providing reliable data recovery in the case of a drive failure. RAID 5 technology uses an algorithm to distribute data across 3 or more hard drives and, in the case of a drive failure, the DNS-343 will continue to function with your data intact.

SIMPLIFIED MANAGEMENT

The web interface allows you to set schedules and rules including incremental backups and storage quotas for specific users and groups. The included backup software allows you to automatically back up data to the DNS-343, creating a failsafe protection solution from accidental data loss on your PC. With Gigabit connectivity, you can transfer large media files through your network faster. The DNS-343 also features a built-in FTP server[4] to access files through the Internet, enabling you to manage your files from anywhere in the world.

USB PORT FUNCTIONALITY

The USB port can act as a print server port, allowing a USB printer to be added to your network without the need for a dedicated computer. The USB port can also support a Universal Power Supply (UPS)[5] monitor that supports 'smart' signaling over a USB connection. If a power outage were to occur, the compatible UPS monitor would allow the UPS unit to safely shutdown the DNS-343. When power is restored, the UPS monitor would then automatically power up the DNS-343.

AN IDEAL SOLUTION

Secure your digital files with RAID technology, transfer large files with speed, stream music, or watch High-definition movies without delay. In addition, it comes with a management interface to help you organize your files, you can easily set rules and schedules to backup and secure your digital data. The ShareCenter 2-Bay Network Storage device is a secure, affordable, reliable, high-performance, cost-effective solution, making it an ideal addition to any home or small office.

DNS-343
DNS-343-4TB

ORDERING INFORMATION

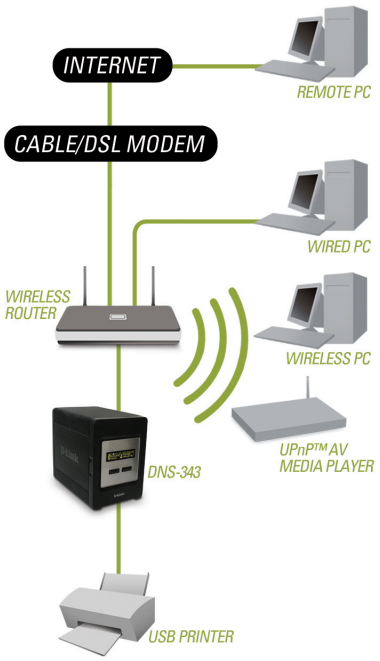
DNS-343

ShareCenter™ 4-Bay Network Storage Enclosure with USB Printer Port

DNS-343-4TB

4TB ShareCenter™ 4-Bay Network Storage device with USB Printer Port

YOUR NETWORK SETUP



D-LINK GREEN TECHNOLOGY

+ Hard Drive Power Management: Hard drive(s) go into sleep mode when there is no device activity
+ Smart Fan: Fan shuts down or adjusts speed based on system temperature
+ High efficiency power adapter to help reduce power consumption
+ Complies with the European Union's RoHS directive that restricts the use of certain hazardous materials
+ Uses recyclable packaging to help reduce waste that goes into the environment

dlink green™

TECHNICAL SPECIFICATIONS

STANDARDS
+ IEEE 802.3 10Base-T Ethernet
+ IEEE 802.3u 100Base-TX Fast Ethernet
+ IEEE 802.3ab 1000Base-T Gigabit Ethernet

SUPPORTED HARD DRIVE TYPE
+ 3.5" Internal SATA and SATA II Drives

PORTS
+ 1 10/100/1000 Gigabit Ethernet Port
+ 1 USB Print Server/ UPS Monitoring Port

CLIENTS SUPPORTED
+ Windows
+ OSX (Mac)
+ Linux

DRIVE MANAGEMENT
+ 5 Different Hard Drive Configurations
+ E-Mail Alerts
+ Drive Quotas
+ Power Management

DEVICE MANAGEMENT
+ Java-Enabled Web Browser (Internet Explorer v6 or later, Safari, Firefox, Opera, etc)
+ Easy Search Utility
+ Smart Fan Speed Control

OLED DISPLAY SCREEN
+ Device Name
+ Firmware Version
+ UPnP™ Status (On/Off)
+ Hard Drive Space
+ FTP Server Status (Started/Stopped)
+ IP Address
+ Temperature
+ Formatting Percentage
+ RAID Status

CERTIFICATIONS
+ FCC Class B, CE, VCCI, CSA

FILE SHARING
+ Max. User Accounts: 64
+ Max. Groups: 10
+ Max. Shared Folders: Without BitTorrent: 45 / With BitTorrent: 10
+ Max. Concurrent Connections: Samba: 64 / FTP: 10

LEDs
+ Power
+ LAN
+ HDD 1
+ HDD 2

POWER SUPPLY
+ DC 19V, 7.89A

POWER CONSUMPTION
+ Normal Mode: 41.54W
+ Sleep mode: 15.12W

OPERATING TEMPERATURE
+ 32˚F to 104˚F (0°C to 40°C)

OPERATING HUMIDITY
+ 90% Maximum (Non-condensing)

DIMENSIONS (LxWxH)

DNS-343/ DNS-343-4TB
+ Item: 7.9 x 5.1 x 7.2 inches (200.7 x 129.5 x 182.9 mm)
+ Packaging: 10.5 x 12.4 x 11.2 inches (266.7mm x 315mm x 284.5 mm)

WEIGHT

DNS-343
+ Item: 5.25lbs (2.4kg)
+ Packaging: 7lbs (3.2kg)

DNS-343-4TB
+ Item: 11.25lbs (5.1kg)
+ Packaging: 13.3lbs (6kg)

WARRANTY
+ 1 Year-Limited[8]

[1] Four 1TB 3.5" SATA Drives included in the DNS-343-4TB model. The internal SATA drives come pre-formatted for immediate use (DNS-343-4TB). RAID 1 mirroring requires the use of two (2) internal SATA drives. RAID 5 requires the use of three (3) or more internal SATA drives. To avoid compatibility issues in RAID 1 and RAID 5 operation, use SATA drives from the same manufacturer. Formatted drive capacity for RAID 1 and 5 operations is dependant on the drive capacity of the lowest-sized drive. May not work with older generation SATA drives. For a list of SATA drives that have been tested to work with the DNS-343, visit www.support.dlink.com.
[2] Examples of the number of photos, songs, videos and any other files that can be stored on a hard drive are provided for illustrative purposes only. Your results will vary based on file size and format, settings, features, software and other factors.
[3] Unless additional precautions are taken, use of an FTP Server to access files over the Internet does not provide for secure or encrypted transmissions. It is recommended that the end-user utilize a Virtual Private Network (VPN) to establish a secure FTP session.
[4] D-Link cannot guarantee full compatibility or proper playback with all codecs. Playback compatibility depends on the codec support of the UPnP™ AV media player
[5] Jumbo Frame Support for 9000 bytes is applicable in Gigabit mode only. Use of Jumbo Frame feature requires the PC to have gigabit NIC that supports Jumbo Frames. Jumbo Frames performance may be affected when used in 10/100 Fast Ethernet mode
[6] Latest software and documentation available at http://support.dlink.com.
[7] Computer must adhere to Microsoft's recommended System Requirements. Please contact Microsoft for details.
[8] 1-Year Limited Warranty available only in the USA and Canada.

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details.

STORAGE

MINIMUM SYSTEM REQUIREMENTS
+ 1GHz Processor
+ 512MB RAM
+ 200MB of Available Hard Disk Space
+ Window® 7, Windows Vista®, or Microsoft Windows® XP SP2
+ CD-ROM to View Product Documentation[9] and Install Software

For Storage:
+ Internal 3.5" SATA Hard Drive(s)[1]
  - RAID 1 requires a minimum of two SATA drives
  - RAID 5 requires a minimum of three SATA drives

PACKAGE CONTENTS
+ ShareCenter 4-Bay Network Storage with USB Printer Port
+ Four (4) 3.5" 1TB SATA Drives (DNS-343-4TB only)
+ Power Adapter
+ Ethernet Cable
+ Install Guide
+ CD-ROM[6] with:
  - Software
  - Product Documentation

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